

Message

From: Good, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6A0A212FAB8644B89798966A2FFF3AB8-GOOD, DAVID]
Sent: 12/8/2020 6:39:56 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]
Subject: FW: question on EPA 2019 GHG Trend Report
Attachments: 2019 GHG Trend Report.pdf

Importance: High

Tristin or Aaron,

I'm not sure who I should forward this Trends question to.

Can one of you get back to Yasumi, when you get a chance?

Thanks

Stay safe

Dave
734-646-0033 (cell)

From: Nakamura-Newbraugh, Yasumi <yasumi.nakamura-newbraugh@Nissan-Usa.com>
Sent: Monday, December 7, 2020 1:45 PM
To: Good, David <good.david@epa.gov>
Subject: question on EPA GHG Trend Report
Importance: High

Hi Dave,

Hope all is well.

We have some questions related to what was in the **2019 GHG Trend Report**...

Just trying to figure out...

- why a few OEMs did not earn any own credits in MY18 (Table 5.17), but have some credits left in MY23 (Table 5.18)? We assume because those OEMs purchased some MY18 credits from others and the purchased amount is hidden under their credits purchase/sold total (Table 5.17)...
- If that's the case, the total credits earned (total of positive balances) MY18 for the industry (Table 5.17) should match with the total credits expiring in MY23 for the industry (Table 5.18)....but they don't....why? What are we missing?

Table 5.17. Final Credit Balance by Manufacturer for Model Year 2018 (Mg)

Manufacturer	Early Credits Earned 2009-2011	Credits Earned 2012-2017	Credits Earned 2018	Credits Expired	Credits Forfeited	Credits Purchased or Sold*	Final 2018 Credit Balance
BMW	1,251,522	224,909	-416,713	-134,791	-	5,500,000	6,424,927
BYD Motors	-	5,400	168	-	-	-	5,568
Coda	-	7,251	-	-	-	-7,251	-
FCA	10,827,083	-22,967,481	-9,396,315	-	-	45,054,999	23,518,286
Ford	16,116,453	6,154,294	-3,762,524	-5,882,011	-	-	12,626,212
GM	25,788,547	1,216,402	-1,929,023	-6,998,699	-	7,251	18,084,478
Honda	35,842,334	44,423,035	8,598,273	-14,133,353	-	-34,245,245	40,485,044
Hyundai	14,007,495	8,833,667	-3,011,849	-4,482,649	-169,775	-	15,176,889
Jaguar Land Rover	-	-2,869,661	-4,901	-	-	2,722,736	-151,826
Karma Automotive	-	58,852	-	-	-	-2,841	56,011
Kia	10,444,192	-2,990,314	-1,649,692	-2,362,882	-123,956	-	3,317,348
Mazda	5,482,642	6,335,942	-385,089	-1,340,917	-	-	10,092,578
Mercedes	978,272	-6,004,114	-2,974,379	-	-28,416	8,727,713	99,076
Mitsubishi	1,449,336	1,227,844	203,923	-583,146	-	0	2,297,957
Nissan	18,131,200	19,527,625	-2,567,935	-8,190,124	-	-3,545,570	23,355,196
Porsche	-	426,439	-	-	-426,439	-	-
Subaru	5,765,171	11,636,155	1,533,010	-491,789	-	-	18,432,557
Suzuki	876,650	-183,097	-	-265,311	-	-428,242	-
Tesla	49,772	10,870,056	17,869,526	-	-	-17,831,311	10,958,043
Toyota	80,435,498	28,579,728	-5,617,632	-29,732,098	-	-10,262,431	63,403,065
Volkswagen	6,613,985	-4,247,836	-1,729,374	-1,442,571	-219,419	4,000,000	2,974,785
Volvo	730,187	-380,789	791,296	-	-85,163	-	1,055,531
All Manufacturers	234,180,339	99,884,317	-4,449,230	-76,040,341	-1,053,168	(310,192)	252,211,725

* The transactions do not net to zero due to transactions with small volume manufacturers excluded from this report.

Table 5.18
Distribution of Credits by Expiration Date (Mg)

Manufacturer	Final 2018 Credit Balance	Credits Expiring in 2021	Credits Expiring in 2022	Credits Expiring in 2023	Deficit Carried 1 year	Deficit Carried 2 years
BMW	6,424,927	2,623,676	3,656,011	145,240		
BYD Motors	5,568	4,871	529	168		
FCA	23,518,286	12,870,920	2,419,871	8,227,495		
Ford	12,626,212	12,626,212	0	0		
GM	18,084,478	15,044,507	2,286,419	753,552		
Honda	40,485,044	27,814,774	4,071,997	8,598,273		
Hyundai	15,176,889	15,176,889	0	0		
Jaguar Land Rover	-151,826	0	0	0	-5,581	-146,245
Karma Automotive	56,011	56,011	0	0		
Kia	3,317,348	3,317,348	0	0		
Mazda	10,092,578	9,724,291	171,051	197,236		
Mercedes	99,076	99,076	0	0		
Mitsubishi	2,297,957	1,922,105	171,929	203,923		
Nissan	23,355,196	22,846,419	508,777	0		
Subaru	18,432,557	12,706,379	3,191,237	2,534,941		
Tesla	10,958,043	0	2,316,012	8,642,031		
Toyota	63,403,065	59,063,588	2,228,712	2,110,765		
Volkswagen	2,974,785	1,730,640	0	1,244,145		
Volvo	1,055,531	0	264,235	791,296		
All Manufacturers	252,211,725	197,627,706	21,286,780	33,449,065	-5,581	-146,245

Thank you!

Yasumi Nakamura-Newbraugh

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